Suc-shp wk of Oct. 25

Memo

### Work Order ID 62624

October 5, 2010 11:45:57 AM

Quality Control

Page 1

D206-642-412BL Item ID: Accept Setup Start **Revision ID:** Stop Item Name: Skidtube RH, Blue Start Qty: 1.00 **Start Date:** 10/05/10 **Cust Item ID:** Required Date: 10/19/10 Req'd Qty: 1.00 **Customer:** Reference: Run Start Process Plan: CL Date:  $|0|/0/0 \le$  Tooling: Date: Approvals: Stop QC: Date: SPC (Y/N): Date: Operation Sequence ID/ Reject Reject Set Up/ **Tool ID** Tool # Plan Insp. Accept Work Center ID Description **Run Hours** Code Qty **Qty** Number Stamp **Draw Nbr Revision Nbr** 100 0.00 DOCUMENT CONTROL 0.00 Photocopy bluefile and create labels per PPP D206-642-412 CHG006 Document Control (10/10/20 C 110 Pick Kit 0.00 0.00 Packaging Memo Packaging QC4-100% Inspect kits for completeness 120

0.00 500/0/25

W/O:		WORK ORDER CHANGES								
DATE	STEP	PRO	OCEDURE CHAP	IGE	1	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		4.77	·	W-78-7-3-						
Part No	•	PAR #:	Fault Cate	jory:	NCR:	Yes N	o <b>DQ</b>	<b>4</b> :	Date:	
Resolution: Disposition:									Date: _	
NCR:			WORK ORDE	R NON-CONFORM	IANCE (	(NCR)				
DATE	STEP	Description of NC	Corrective Action		Section B			cation	Approval	Approval
	0.2.	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Secti	on C	Chief Eng	QC Inspector
,										
				,						

<sup>•</sup> H:\fFORMS\Quality Assurance\approved QA\NCRWO RevE

#### Work Order ID 62624

October 5, 2010 11:45:57 AM



Page 2

Item ID:

D206-642-412BL

Accept

Setup Start

Stop



**Revision ID:** 

Item Name:

Skidtube RH, Blue

**Start Date:** Required Date: 10/19/10

10/05/10

Start Qty: 1.00

Req'd Qty: 1.00



**Cust Item ID:** 

**Customer:** 

Tool ID

Reference:

Approvals:

Process Plan: Date: QC:

Tooling:

**SPC (Y/N):** 

Set Up/

0.00

**Run Hours** 

Date: Date:

Tool # Plan

Code

Run

Accept

Qty

Start Stop

Reject

Qty

Number Stamp

Insp.

Sequence ID/

**Work Center ID** 

130

Packaging

Packaging

Packaging

Operation

Description

0.00

Date:

Identify and pack for shipping as per PPP D206-642-412

Location: PPP Rev:

140

QC21- Final Inspection - Work Order Release

0.00



QC

Quality Control

Memo

0.00

Reject

W/O:		WORK ORDER CHANGES								
DATE	STEP	PRO	OCEDURE CHA	NGE	B	y I	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
									3	
			17.20							
							<del></del>	]		
Part No	:	PAR #:	Fault Cate	gory:	NCR: \	es N	o DQA	<b>A</b> :	_ Date: _	-
	Resolution: Disposition: QA: N/C Closed:					ed:		Date: _	<del> </del>	
NCR:			WORK ORD	ER NON-CONFORM	IANCE (N	ICR)				
DATE	CTED	Description of NC Corrective Action			Section B Ve			Verification Approv		Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng		ign & Date	Secti		Chief Eng	QC Inspector
					,				•	
		i	1 1						ŀ	ł
				•						

<sup>+</sup> H:\fFORMS\Quality Assurance\approved QA\NCRWO RevE

Picklist Print October 5, 2010 11:45:56 AM Work Order ID: 62624 Parent Item: D206-642-412BL Parent Item Name: Skidtube RH, Blue **Start Date:** 10/05/10 Required Date: 10/19/10 Required Qty: 1.00 Start Oty: 1.00 **Comments:** Component Item ID/ Replacement Mfg/ Bin **Primary** Last Route Unit of Qty on Qty per Kit Qty Total Date Item Name Item Location Measure Hand Item ID Location Seq ID Purch Qty Issued Issued AN3-41A Purchased No Each 208.0000 8 8 Bolt Location Loc Qty Loc Code ST354 208 112431 1 114522 7 114941 200 AN4-6A Purchased No Each 1,089.000 12 Bolt Location Loc Qty Loc Code ST356 1089 112933 96 113149 17 114523 2 114615 1 114941 173 M115/08 115108 300 115457 500 AN4C5A 491.0000 Purchased No Each le 14/20 C

Location Loc Qty Loc Code ST346 491 110552 4 112243 487

Page 1

Status

m112243

W/O:		WORK ORDER CHANGES							
DATE	STEP	PRO	CEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
								,	
Part No	•	PAR #:	Fault Cate	gory:	NCR: Yes	No <b>DQ</b>	A:	Date:	
				QA: N/C Closed: Date:					
NCR:			WORK ORD	ER NON-CONFORMA	NCE (NC	R)			
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Section Action Description Chief Eng	on B Sign Date	& Sect	cation ion C	Approval Chief Eng	Approval QC Inspector
			Office Ling	Offier Eng	Date				
								į	
				4					
									:
		7.0							
·									

H:\fFORMS\Quality Assurance\approved QA\NCRWO RevE

October 5, 2010 11:45:56 AM

Work Order ID: 62624

Parent Item:

D206-642-412BL

Parent Item Name:

Skidtube RH, Blue



Start Date: 10/05/10

Required Date: 10/19/10

Start Qty: 1.00

Required Qty: 1.00

AN5-11A

Bolt

Purchased

Purchased

ST

Each 134.0000

AN5-12A

Bolt

AN5-13A

AN960C416

Purchased No

No

No

Location Loc Qty 117 115374 117 ST338 17 115422 17

Each

Loc Qty

86.0000

Loc Code

Loc Code

86 86 40.0000 Each

Bolt

NAS1149C0463

Purchased No Location ST338

Location ST338

115316

112314

Loc Qty 40 40 Each

100.0000

Loc Code

M1/63/6

washer

Loc Qty Location ST346 100993

Loc Code 100

100

W/O:			WC	RK ORDER CHANG	SES				- and service delicate	<del> </del>
DATE	STEP	PRO	PROCEDURE CHANGE			Зу	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
·····										
						:				
Part No	•	PAR #:	Fault Cate	jory:	_ NCR:	Yes N	o <b>DQ</b>	A:	_ Date: _	<del> </del>
Resolution:			Dispositio	QA: N	QA: N/C Closed: Date:					
NCR:			WORK ORDI	ER NON-CONFORM	ANCE (	NCR)				
DATE	STEP	Description of NC Section A	Initial	Corrective Action Section B Initial Action Description		Sign & Verificati				Approval QC Inspector
		Section A	Chief Eng	Chief Eng		Date	Secti	ion C	Chief Eng	QC Inspector

H:\fFORMS\Quality Assurance\approved QA\NCRWO RevE

October 5, 2010 11:45:57 AM

Work Order ID: 62624

Parent Item:

D206-642-412BL

Parent Item Name:

Skidtube RH, Blue



**Start Date:** 10/05/10

Required Date: 10/19/10

Start Qty: 1.00

Required Qty: 1.00



NAS1149D0363J Purchased

Each

8.0000

Loc Code

1115622

	AN960ID416
-	1 (8 8) 8 (1 18 ) 8 ( 8 ) 8 ( 8 )

NAS1149D0463J Purchased

No

ST	
	107715
ST335	
	105792

Location

24.0000

24

M115647

4 COMINEL CON UNE INTERNATION WHILE AND FRANCE COLOR COLOR ALBERT CONTO DALL AND F
Washer

NAS1149D0563J Purchased

No

Location ST300 113288

Loc Oty 24 24 Each

Loc Qty

6 6

2 2

Each

Loc Code

34.0000

•			
\ _			
	Washan		

Loc Qty Location Loc Code ST34 18 103694 107534 12 109287 4

<del> </del>				· · · · · · · · · · · · · · · · · · ·	·				v <u>.</u>
W/O:		WORK ORDER CHANGES							
DATE	STEP	PRO	CEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
									·
Part No	:	PAR #:	Fault Cate	gory:	_ NCR: Yes	No DQ	A:	Date: _	
Resolution:			Disposition: G			QA: N/C Closed:			<u>.</u>
NCR:		V	VORK ORDE	ER NON-CONFORM	ANCE (NC	R)			
DATE	STEP	Description of NC			ion B Ver		fication Approva		Approval
DAIL	JILI	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date	Sect	tion C	Chief Eng	QC Inspector
		,							

H:\fFORMS\Quality Assurance\approved QA\NCRWO RevE

Picklist Print						Page 4
October 5, 2010 11:45:57 AM						
Work Order ID: 62624						
Parent Item: D206-642-412BL						
Parent Item Name: Skidtube RH, Blue			Star	rt Date: 10/05/10	Required	d Date: 10/19/10
			Sta	art <b>Qty:</b> 1.00	Require	ed Qty: 1.00
D206-642-441 Manufactured  Replacement Skidtube	No	Each	6.0000	<b>IIII</b> <u>36</u>	615	Colof B
	<b>Location</b>	Loc Qty	Loc Code			
	FG081	6				
	24739	1				
	30265	1				
	30266	1				
	30940	1				

31066 35469

ct16us D206-648-013 Manufactured

GHW Modification

Location	Loc Qty	Loc Code	
FG120	2		
42315	1		
47600	1		

Each

ATT: BLUE LUG D2652

Bushing

Manufactured

201.0000 Each

2.0000

Location Loc Code Loc Qty FG 31985 44 ST020 157 61645 157

October 5, 2010 11:45:57 AM

**Shop Packet Print** 

Page 4

			•						
W/O:			WO	RK ORDER CHANG	ES				
DATE	STEP	PRO	OCEDURE CHANGE			Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
				17.17.17.17.18.18.18.18.18.18.18.18.18.18.18.18.18.					
				W Marine Control of the Control of t					
Part No	:	PAR #:	Fault Categ	ory:	NCR: Yes	No <b>DQ</b>	A:	_ Date: _	
	R	esolution:	Disposition		_ QA: N/C CI	osed:		Date: _	
NCR:		V	VORK ORDE	R NON-CONFORMA	NCE (NCR	1)			
DATE	STEP	Description of NC	Corrective Action Sect			Verificat		n Approval	Approval
DAIL	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Secti		Chief Eng	QC Inspector
									i
					- - - -				
·									·

NOTE: Date & initial all entries

H:\fFORMS\Quality Assurance\approved QA\NCRWO RevE

P	ick	di	st	Pı	rin	ıŧ

Page 5

October 5, 2010 11:45:57 AM Work Order ID: 62624 Parent Item: D206-642-412BL Parent Item Name: Skidtube RH, Blue Start Date: 10/05/10 Required Date: 10/19/10 Start Qty: 1.00 Required Qty: 1.00 D2712 Manufactured Each 513.0000 10 10 Set Screw Location Loc Qty Loc Code FG 50 29962 50 ST022 463 61331 463 D2932-2 7.0000 Manufactured No Each Saddle RH Out, 206 Location Loc Qty Loc Code ST421 3 41440 1 62113 2 ST428 4 60253 ATT: BLUE D2933-2 Manufactured No Each 2.0000 B62698 15/10/288D

Saddle RH In, 206

Loc Code Location Loc Qty ST428 2 41129 1 61576

ATT: BLUE

W/O:		•	W	ORK ORDER CHANG	ES				
DATE	STEP	PRO	CEDURE CH	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
								1 100 mg	
							_		
Part No		PAR #:	Fault Cat	egory:	NCR: Yes	No Do	QA:	Date:	
		esolution:							
NCR:		WORK ORDER NON-CONF				٦)	the state of the s		
DATE	STEP	Description of NC		Corrective Action Section		Veri	fication	Approval	Approval
	O.L.	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date		ction C	Chief Eng	QC Inspector
					i.				
						!			
							**************************************		

NOTE: Date & initial all entries

H:\fFORMS\Quality Assurance\approved QA\NCRWO RevE

¥	Picklist Print October 5, 2010 11:45:57 AM								Page	6
	Work Order ID: 62624  Parent Item: D206-642-412BL  Parent Item Name: Skidtube RH, Blue				DA NAMA HAMA MANAK DI NOKI		art Date: tart Qty:		Required Date: 10/19/10 Required Qty: 1.00	
5	D2934  Saddle Spacer	Manufactured	No		Each	36.0000	2	2 ~		
	Saudie Spacei			<u>Location</u> FG	Loc Oty 6	Loc Code				
>	D2935	Manufactured	No	31929 ST031 59641	6 30 30 Each	22.0000	2	59641 2_		
	Saddle Spacer D2938-2	<b>X</b> 6	No	Location ST028 59642	Loc Oty 22 22 Each	Loc Code		59692		
<u> </u>	D2938-2 -	Manufactured	NO		Eacii	1.0000		B(270)	Reaction.	
	ATT: BLUE			<u>Location</u> ST421 61596	<u>Loc Qty</u> 1 1	Loc Code				
	D2939-2  Saddle RH In, 206	Manufactured	No		Each	2.0000	1	B6270	2 10/10/288	9
	ATT: BLUE			Location ST428A 58268 62120	<u>Loc Otv</u> 2  1	Loc Code				

	-									
W/O:	PROCEDURE CHANGE  By Date Qty Chief Eng / Prod Mgr QC Inspector  Approval Chief Eng / Prod Mgr QC Inspector  PAR #: Fault Category: NCR: Yes No DQA: Date:  Resolution: Disposition: QA: N/C Closed: Date:  WORK ORDER NON-CONFORMANCE (NCR)  Corrective Action Section B									
DATE	STEP	PRO	OCEDURE CHAI	NGE		Ву	Date	Qty	Chief Eng /	
			·							
Part No	•	PAR #:	Fault Cate	gory:	_ NCR	l: Yes I	No <b>DQ</b>	A:	_ Date: _	
	R	esolution:	Disposition	1:	QA:	N/C Clo	sed:		Date: _	
NCR:	ARTE STEP  PAR #:  Resolution:  CR:  DATE STEP  Description of NC		WORK ORD	ER NON-CONFORM	ANCE	(NCR	)			
DATE	STED	Description of NC			tion B	<u> </u>	Verific	cation	Approval	Approval
JA!L	O I E I	Section A					Section C		Chief Eng	QC Inspector
							:			
				PP-P-Million and a second seco						
									ł 	

H:\frontforms\Quality Assurance\approved QA\NCRWO RevE

<sup>,</sup> NOTE: Date & initial all entries

Picklist Print					Page 7
October 5, 2010 11:45:57 AM					1 450 /
Work Order ID: 62624					
Parent Item: D206-642-412BL					
Parent Item Name: Skidtube RH, Blue		\$   <b>       </b>	1181   2185   BAURT 11818   11818  1818   81   281	Start Date: 10/05/ Start Qty: 1.00	Required Date: 10/19/10 Required Qty: 1.00
D3407-043  Tow Ring	Manufactured	No	Each	21.0000 1	62627 (c/y/s
		<b>Location</b>	Loc Qty	Loc Code	/ /
		ST464	21		
		42211	1		
		43308	1		
		50387	15		<del></del>
ATT: BLUE		53351	4		
D3413-1	Manufactured	No	Each	33.0000 1	
King		<u>Location</u>	Loc Qty	Loc Code	
		ST473	33		
		51586	1		
		53446	15	<u> </u>	3446
		61322	17		
ATT: BLUE					

D3456-1 Washer

Manufactured

Each

Loc Code Loc Qty Location ST058 21 21 54692

21.0000

October 5, 2010 11:45:57 AM

W/O:			W	ORK ORDER CHANGE	S				
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
				`				3	
									<u> </u>
Part No	•	PAR #:	Fault Cate	gory:	NCR: Yes	No DQA	<b>4</b> :	Date:	
		esolution:							
NCR:			WORK ORD	ER NON-CONFORMA	NCE (NCR	)			
DATE	STEP	Description of NC	Initial	Corrective Action Section	n B Sign &	Verific		Approval	Approval
		Section A	Chief Eng	Action Description Chief Eng	Date	Section	on C	Chief Eng	QC Inspector
	-								1
								;	

NOTE: Date & initial all entries

H:\fFORMS\Quality Assurance\approved QA\NCRWO RevE

Picklist Print October 5, 2010 11:45:57 AM							Page 8
Work Order ID: 62624						1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
4		}	HIR HAND BIETO HIDH OHDI 1801 Bio hidh obing shi hidhin shik gisho iloi hid	HI BIBBI 15010 118101 101011 SI 1881			
Parent Item: D206-642-412BL			110 (1811 96)18 9111 (1814 9111) 91918 (181 118				•
Parent Item Name: Skidtube RH, Blue					Start Date:		Required Date: 10/19/10
					Start Qty:	1.00	Required Qty: 1.00
D3457-1	Manufactured	No		Each	29.0000 2	2 —	
			Location	Loc Oty	Loc Code		
			FG	10	<del></del>		
			32409	10			-
			ST059	19			_
			45913	1			-
			52981	18		52981	-
MS21042L3 	Purchased	No		Each	2,668.000 8	8	
			<b>Location</b>	Loc Oty	Loc Code		
			ST300	2668			<u>.</u>
			114523	49		A 11 00	5.
			114784	1619	•	M/1978	-9
			115835	1000			-
MS21042L4	Purchased	No		Each	4,434.000 12	12 _	
							( V /4/U/D
rvut ,			Location	Loc Qty	Loc Code		- / /
•			ST300	4434			_
			113422	68			_
			114523	8			_
			114718	16			-
			114784	32		m11510	-¢
			115108	1310		741/10/0	U

1900

1100

115589

115621

W/O:			W	ORK ORDER CHANG	ES			· · · · · · · · · · · · · · · · · · ·	
DATE	D:PAR #:		CEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Cate	gory:	_ NCR: Yes	No <b>DQ</b>	A:	Date:	
	R	esolution:	Disposition	n:	QA: N/C Cld	sed:		Date: _	
NCR:		V	VORK ORD	ER NON-CONFORM	ANCE (NCR	)			
DATE	STEP	Description of NC	Initial	Corrective Action Sect Action Description	ion B	Verific		Approval	Approval
		Section A	Chief Eng	Chief Eng	Date	Secti	on C	Chief Eng	QC Inspector
					, ,				
		,							
								5	

NOTE: Date & initial all entries

H:\fronteq\Quality Assurance\approved QA\NCRWO RevE

### **Picklist Print**

October 5, 2010 11:45:57 AM

Work Order ID: 62624

Parent Item:

D206-642-412BL

Parent Item Name: Skidtube RH, Blue

**Start Date:** 10/05/10

Required Date: 10/19/10

Start Qty: 1.00

Required Qty: 1.00

MS21043-4

Purchased

No

Each

813.0000

Page 9

<b>Location</b>		Loc Qty	Loc Code	
FG		40		Marie and the second se
104	603	40		
ST301		773		
112	2492	25		
113	3069	8		
114	1523	440		/n//4523
114	784	300		,

W/O:			WORK ORDER CHANGES									
DATE	STEP	PRO	OCEDURE CHANGE			Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
Part No	•	PAR #:	Fault Categ	ory:	NCR: Yes	No DC	QA:	Date: _				
	R	esolution:	Disposition	:	QA: N/C	Closed: _		Date: _				
NCR:			WORK ORDE	R NON-CONFORM	ANCE (NC	R)						
DATE	STEP	Description of NC	C Corrective Action		ction B Sign		ication	Approval	Approval			
		Section A	Initial Chief Eng	Action Description Chief Eng	Dat		tion C	Chief Eng	QC Inspector			
									ļ			
			·									
n												

NOTE: Date & initial all entries

H:\fFORMS\Quality Assurance\approved QA\NCRWO RevE